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*State of  
California*

THE RESOURCES AGENCY  
DEPT. OF CONSERVATION

DIVISION OF FORESTRY

**NEWS  
LETTER**

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July 1964  
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STATE OF CALIFORNIA  
THE RESOURCES AGENCY  
DEPARTMENT OF CONSERVATION

**DIVISION OF FORESTRY NEWS LETTER**

Published monthly in Sacramento for and by Division personnel. Its pages contain current facts, problems, and events relating to Forestry and to the experiences of Division personnel.

F. H. RAYMOND -

STATE FORESTER

**ADMINISTRATIVE  
—DISTRICTS—**

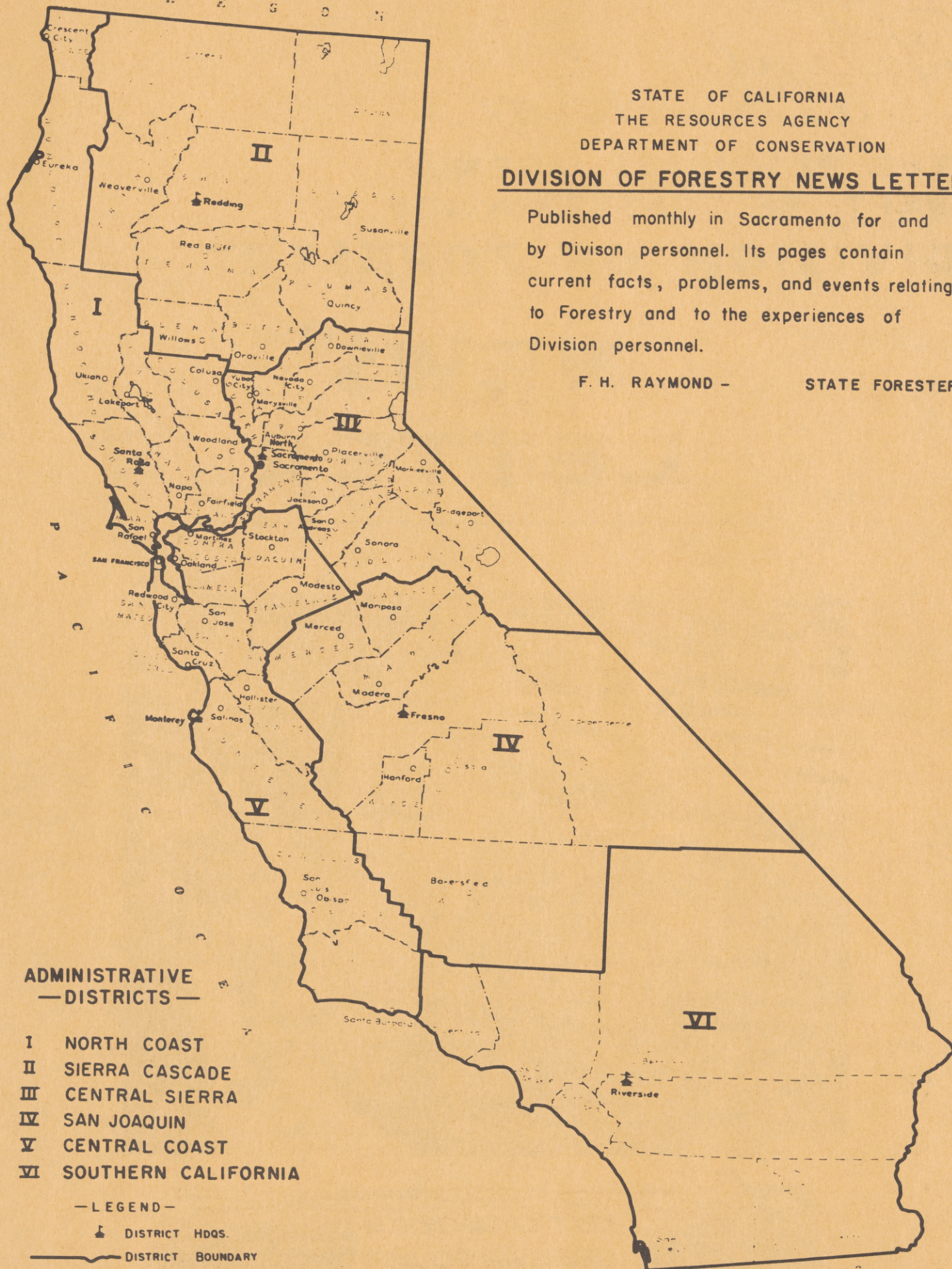
- I NORTH COAST
- II SIERRA CASCADE
- III CENTRAL SIERRA
- IV SAN JOAQUIN
- V CENTRAL COAST
- VI SOUTHERN CALIFORNIA

—LEGEND—



DISTRICT HDQS.

— DISTRICT BOUNDARY





## MAY ACTIVITIES

### COVER PAGE

State Forester Francis Raymond explains growth rings to Mrs. Whitford B. Carter and Mrs. Leslie O. Cody. This forest giant on Mt. Home State Forest named the Los Angeles tree, fell during a storm "from natural causes."

Shortly after it fell a section of the tree was cut out to become a main attraction in the Los Angeles Fair "Court of The Redwoods."

There is a growing movement to have another huge slice from this magnificent specimen of Sequoia gigantea suitably displayed in or near the entrance of the building at 9th & O Streets in Sacramento which will house the various units and departments of the Resources Agency.

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### SCIENTIFIC INSTRUMENTS TO BE USED IN FOREST FIRE DETECTION

Infra-red scanning devices carried on aircraft will be tested in Southern California this summer for their usefulness in detecting fires in their incipient stages and in mapping fire perimeters obscured by smoke or darkness.

The test, called "Project Fire Scan" will be conducted by personnel from the Northern Fire Laboratory in Montana and will be headquartered at the U. S. Forest Service Fire Laboratory at Riverside.

The Department of Conservation's Division of Forestry is cooperating with Federal personnel and other fire control agency personnel in planning and operations of the study.

### PREVENTION GROUP PLANS FOR 1964 FIRE SEASON

business Executives of some of the largest concerns in the West met with forest fire prevention specialists from the Department of Conservation's Division

of Forestry and other fire control groups in Los Angeles on May 5 to lay plans for public education efforts in forest fire prevention.

More than 60 Southern California members of the 400 member California Fire Prevention Committee who attended the May meeting pledged full support to an all-out educational effort should the 1964 fire season become as severe as early year signs indicate.

Division of Forestry personnel showed TV spots, developed in cooperation with professional artists, which explained requirements of a new forest fire prevention legislation affecting large numbers of wildland owners and users.

The executives, public school administrators, service organizations, and others present, plan to use fire prevention educational materials available through the Division of Forestry in their campaigns.

### STATE TIMBER SOLD

The Department of Conservation's Division of Forestry sold an estimated 1.8 million board feet of standing timber to John Lampe of Tulare. Lampe's bid, \$23,626, was the highest received for the timber which is to be removed from the Mt. Home State Forest in Tulare County.

Harvest of the timber will be supervised by a forester from the Division of Forestry.

### ADDITIONAL TIMBER ON TAX ROLLS IN FRESNO COUNTY

Some 11,500 acres of young timber in Fresno County owned by the Southern California Edison Company were declared mature enough for assessment purposes by the Fresno County Timber Maturity



Board when it convened on May 22.

The Board, composed of a representative of the State Board of Forestry, the Board of Equalization and the Fresno County Assessor, is authorized to return timber, exempted from taxation by Section 12 3/4 of the State Constitution, to the county tax rolls when it finds that the young forest area has been tax free for 40 years since mature timber had been removed and similar immature timber is being logged in the area.

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#### JUNE ACTIVITIES

##### SEVERE FIRE SEASON INDICATED

From all sections of California both State and Federal Rangers are reporting difficulty in controlling grass, brush, and forest fires.

The Department of Conservation's Division of Forestry reports fire incidence for the first six months of the year at 1,113, about double last year's rate and the average number of starts over the last five years for a similar period. Area burned as of July 1, at 17,368 acres, is just over four times last year's losses at this time indicating that early predictions of a bad fire season may not have been out of line.

Rapid spread of fires this year was responsible for one fire line fatality and numerous cases of burns and exhaustion.

State Forester Francis Raymond reports that remaining soil moisture is so low as to almost no effect on fires except in the extreme northwest corner of the State. In all other areas wild fire losses will be directly effected by the day to day fluctuations in weather.

##### FOREST PESTS TREATED

A 3,200 forest tract in Modoc County was treated with insecticide in June to control an outbreak of sawflies

which are attacking a valuable crop of fir trees. Careful attention was given to prevent damage to wildlife and other values through consultation with the Departments of Agriculture and Fish and Game.

Cooperators in the effort were the Department of Conservation's Division of Forestry, the U. S. Forest Service and local people.

##### PLANTING PUBLICATIONS AVAILABLE

Two new publications useful to foresters and tree farmers became available in June. The most detailed, a booklet titled "Planting California Forest Land", should be useful as a source of technical information to people interested in forest tree planting and particularly to purchasers of planting stock produced in State-owned nurseries. The other, titled State Forest Note #20, gives the results of tests showing the best age and size ponderosa pine seedlings to plant for best survival.

Both publications are available from the Department of Conservation's Division of Forestry.

##### STATE TIMBER SOLD

The Kimberly-Clark Corporation was the highest bidder for 3.3 million board feet of over mature timber offered for sale by the Department of Conservation's Division of Forestry. The timber is to be removed from Latour State Forest in Shasta County and will yield a revenue of more than \$60 thousand to the State.

##### FIRE PREVENTION ACTIVITY

Division of Forestry representatives met with the U. S. Forest Service and representatives of the major railroads to discuss fire prevention needs related to railroad operations. Railroad right-of-way fireproofing, accumu-



lations of wood chips in certain areas and means of improving railroad-fire control agency cooperation on the local level were primary items of discussion.

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CALIFORNIA DIVISION OF FORESTRY  
CELEBRITY

Floyd Waklee, Equipment Engineer in Sacramento, couldn't make his regular inspection tours throughout California for the last several months which were spent recuperating from a heart attack. He was missed by his CDF friends who were happy to see him return to work.

And his non-CDF friends missed him too, if the sign at the Sage and Sand Motel in Riverside is a true reflection of its owner's sentiment - and many CDF travelers know that it is.

In addition to "making the local papers" and having his name in lights on his first visit to Riverside after his heart attack, the Sage and Sands Motel was contacted by The Wall Street Journal to inquire who Floyd Waklee was and a lady stopped in to ask if Floyd wasn't a famous musician.

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CALIFORNIA FIRE INVESTIGATORS  
COMMANDING WORLD-WIDE ATTENTION

George Berdan, Fire Prevention Officer assigned to the Division of Forestry headquarters in Sacramento, was a featured speaker at the 11th Annual Arson and Fire Investigators Seminar held at the University of California. Berdan's presentation, titled, "Expert Witness Testimony", was later selected by the International Association of Arson Investigators to be published in "Police" magazine which has an international circulation.

Fifteen other officers of the California Division of Forestry from Districts I, II, III, and IV participated in the seminar which was sponsored by the California Conference of Arson Investigators, and arranged and managed by Tom Ward of the Department of Education Fire Training Service.

In addition to California's arson investigators, nine Western States, the Military Services, and a number of police departments sent representatives to the seminar.



## PERSONNEL CHANGES

- 5-1-64 John M. Dodge changed class from Forester II to State Forest Ranger I at Riverside.
- 5-15-64 Ray H. Bryant, Automotive Maintenance Foreman at Davis Shops, resigned to accept promotion with Highway Patrol.
- 5-31-64 Norma J. Scott, Intermediate Typist Clerk in Fire Control, resigned.
- 6-1-64 Mitchell B. Finberg promoted from Division of Beaches and Parks to Senior Civil Engineer in Engineering.
- 6-1-64 Ronald P. Gillespie appointed as Forestry Aid in Fire Control.
- 6-8-64 Esther M. Sullivan reinstated as Intermediate Typist Clerk in Fire Control.
- 6-12-64 Penelope Mayfield, Intermediate Typist Clerk in Fire Prevention resigned to accept promotion with Division of Beaches and Parks.
- 6-15-64 Robert D. Bell appointed as Engineering Student Trainee in Engineering.
- 6-15-64 Donna L. Young transferred from Department of General Services to Management Services as Intermediate Typist Clerk.
- 5-20-64 Kenneth A. Knudson was appointed as a Forestry Equipment Operator, Lake County.
- 5-1-64 John C. Heilbronn was promoted from Forestry Foreman I to Assistant State Forest Ranger, Humboldt County.
- 5-31-64 Stuart M. Schick, Forest Fire Prevention Officer, District I Headquarters, retired.
- 6-1-64 Alva J. Deetz was appointed as a Forestry Equipment Operator to the Mobile Conservation Camp.
- 6-1-64 Russell A. Brown was promoted from Forest Fire Truck Driver, Mendocino County, to Forestry Foreman I.
- 6-1-64 Jerry G. Hall was promoted from Forest Fire Truck Driver, Mendocino County, to Forestry Foreman I.
- 6-1-64 John D. Hart was promoted from Forest Fire Truck Driver, Humboldt County, to Forestry Foreman I.
- 6-1-64 Neil McBride was promoted from Forestry Foreman I to Forestry Foreman II, Mobile Conservation Camp.

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### DISTRICT I

- 5-15-64 David R. Benton was promoted from Forestry Foreman I, District VI, San Diego County, to Forestry Foreman II, Konocti Conservation Camp.

### DISTRICT II

- 5-1-64 Gary L. Blecke promoted to Forestry Foreman I Lassen County from Forest Fire Truck Driver Tuolumne County.
- 5-1-64 Robert J. Kerstiens was promoted to Associate State Forest Ranger in Tehama



County from Assistant State  
Forest Ranger, Tehama County.

5-15-64 Virginia A. Rice, Intermediate  
Typist Clerk Butte County, took  
a two-months leave of absence  
due to illness.

5-18-64 Walter A. Duckworth, Assistant  
State Forest Ranger, trans-  
ferred from Shasta County to  
Lassen County.

5-31-64 Arthur Droge, Forestry Foreman  
II, Lassen County, retired.

6-1-64 Victor J. Baker was promoted  
to Forestry Foreman I from  
Forest Fire Truck Driver,  
Shasta County.

6-1-64 William D. Houston was promoted  
to Forestry Foreman I from  
Forest Fire Truck Driver,  
Siskiyou County.

6-1-64 Norman W. Mattoon was promoted  
to Forestry Foreman I from  
Forest Fire Truck Driver in  
Tehama County.

6-1-64 James R. McCollister was appoint-  
ed as Forestry Aid in Lassen  
County.

6-1-64 Raymond E. Skeels was promoted  
to Assistant State Forest  
Ranger in Tehama County, from  
Forestry Foreman II.

6-5-64 Norman F. Williams, Forest  
Fire Truck Driver in Shasta,  
disability retirement.

6-8-64 Edna P. Leonard, Intermediate  
Typist Clerk in Shasta County,  
resigned due to illness.

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#### DISTRICT III

5-26-64 Herbert C. Crawford, Carpenter  
appointed Nevada County.

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#### DISTRICT IV

5-4-64 Leonard K. Pettes promoted  
to Forest Fire Truck  
Driver in Merced County  
from Forestry Fireman in  
Fresno County.

5-18-64 Lahman E. Hartzell rein-  
stated as Forestry Graduate  
Trainee from Military Leave  
in Tulare County.

5-19-64 Levell T. McCurry appointed  
as Carpenter in Fresno  
County.

5-31-64 Juanita Jones resigned as  
Intermediate Stenographer  
in Mariposa County.

5-31-64 Wynona Hayes resigned as  
Intermediate Stenographer  
in Tulare County.

5-18-64 Charles R. Young resigned  
as Forestry Fireman in  
Fresno County.

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#### DISTRICT V

5-15-64 Sarah M. Burkman, Senior  
Stenographer in Monterey  
County, granted two  
months leave of absence  
for travel.

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#### DISTRICT VI

5-18-64 Bertel Olsen, Jr. appointed  
Intermediate Account  
Clerk in Riverside County.

5-1-64 Audley C. Davidson promoted  
from Assistant Forest  
Technician to Forester II  
at Riverside County.

5-15-64 Pressley O. Kent, Jr.  
promoted from Assistant  
State Forest Ranger in  
Mendocino to Associate  
State Forest Ranger in  
San Diego County.



- 5-18-64 Rodger J. Cornelison promoted from Forest Firefighter to Forestry Fireman at Orange County.
- 5-18-64 Larry G. Holdgrafer promoted from Forest Firefighter to Forestry Fireman at Orange County.
- 5-1-64 Edward G. Bostick promoted from Forestry Equipment Operator at Mendocino to Forestry Foreman II at Prado, San Bernardino County.
- 5-21-64 Thomas B. Andreas promoted from Forest Fire Truck Driver at Fresno County to Forestry Foreman I at San Bernardino County.
- 5-15-64 Jerry V. Bloomquist promoted from Forest Fire Truck Driver to Forestry Foreman I at San Bernardino County
- 5-1-64 James K. McClure promoted from Forest Fire Truck Driver to Forestry Foreman I at Orange County.
- 5-13-64 Stewart M. Ogburn promoted from Forest Fire Truck Driver to Forestry Foreman I at Riverside.

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#### MARIPOSA FACES ARE RED

Early in the morning of June 23rd a passing motorist rudely awakened the crew of the Cathey Forest Fire Station to inform them their equipment garage was on fire.

By this time the garage was totally involved; the crew turned out to prevent the Assistant Ranger's residence and adjacent fields from catching fire.

This fire, believed to have originated in the fire truck, totally destroyed the truck--a 4-wheel drive heavy 1957 GMC--and a ½ ton conventional 1961 Ford Pickup, plus the station complement of hand tools and other equipment. The pumice brick walls were left standing and believed salvable. Total estimated damage is \$35,000.

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#### A PENNY CAN BUY TROUBLE

Madera Ranger Unit recently ran across a switch in the "penny" fuse caper.

A three-year-old, given a penny by his mother, was playing in the family auto. The youth inserted the coin in the cigarette lighter, depressed the knob and awaited results. He got 'em. (P.S. The insulation burned until the lighter was removed.)

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RICHARD FOX HAMMATT DIED JUNE 3rd.

Richard Fox Hammatt, Secretary-Manager of the California Redwood Association from 1921 to 1931 and originator of the "Smokey Bear" symbol as first Director of the Cooperative Forest Fire Prevention program for the U. S. Forest Service, died on June 3rd in Santa Rosa, California.

A native of Hyde Park, Massachusetts, Hammatt was an honor graduate of the first class in forestry at Harvard University in 1906 and first served as a forest assistant in the old Cascade National Forest in Oregon. In 1914 he was appointed to take charge of fire prevention and law enforcement work in the San Francisco office of the Forest Service and became Regional Forester in charge of public relations in 1920. In 1921 he resigned to become the second executive officer of the California Redwood Association. After ten years, Hammatt returned to the Forest Service to direct public relations in the Northern Region, out of Portland. In 1933, he was sent to Washington to assist President Roosevelt in organizing the Civilian Conservation Corps and stayed on to become Assistant to the Chief of the Forest Service. It was in this capacity that he came up with the idea of Smokey Bear, had the symbol drawn up by a Boston artist, and worked to have it patented by an Act of Congress. He was honored in 1962 with a special plaque for this service.

Hammatt is survived by his widow, Gertrude M. Hammatt of Santa Rosa, two married daughters, two sisters and five grandchildren.

Release from California  
Redwood Association--6-12-64

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FIRE CONTROL ODDITIES

The Tuolumne Ranger Unit reported a fire being caused by a woodpecker landing on a fuse pole and making contact between the two fuses.

The Mariposa Ranger Unit reported a fire being caused by "Horseshoes." Apparently the iron horseshoe striking rocks caused sparks which in turn ignited the grass causing a loss of over 700 acres.

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FORESTRY EMPLOYEES AND CONSERVATION  
CAMP CREWS COMMENDED FOR DISASTER  
WORK

Ranger Joe Springer, Assistant Ranger John Riha, Superintendent Jack Cloward and those working with them in the Good Friday tidal wave disaster which struck Crescent City received written appreciation from Administrator Hugo Fisher on behalf of Governor Brown and himself and from others for their good work.

Mr. Fisher's letter mentioned "prompt and splendid work" and expressed appreciation for "leadership ... provided in helping the local authorities to meet a critical situation."

Within hours of the Good Friday disaster State Forester Francis Raymond had assured members of the Governor's party who were near the area when the tidal wave struck, that the Humboldt Ranger Unit personnel were thoroughly qualified to assume leadership and provide assistance in emergencies without special orders from Sacramento or elsewhere -- but in spite of his matter of fact approach to CDF disaster preparedness, the State Forester sent his expression of appreciation to Ranger Unit and Conservation Camp personnel of Humboldt County.

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#### DEPUTY KNOWLTON RECEIVES 25-YEAR AWARD

Don Knowlton, Deputy State Forester in District IV being presented a 25-year certificate by Chief Deputy Lewis Moran.

More than 40 of Don's friends and associates gathered at Pardini's Restaurant in Fresno on May 20 to honor him and his wife and help celebrate the occasion.

Don, a graduate of the School of Forestry, University of California, began his career with the Division as a fire dispatcher in Mendocino County. Two years later he entered the Army. Upon discharge from the Army with the rank of Captain and the Distinguished Service Cross, he returned to the Division as an Assistant State Forest Ranger in El Dorado County. Subsequently he was promoted to Associate Ranger in District IV Headquarters, Ranger of Nevada County and Assistant Deputy, District III, before his most recent

assignment as Deputy State Forester in District IV, in December, 1962.

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#### DEPARTMENT OF CONSERVATION URGES INCREASED SALARIES

In letters to the State Personnel Board the Department of Conservation took the position that craftsmen in the building trades should be paid prevailing rate where there is a stable variation between the pay of the various crafts and urged a five percent salary increase effective July 1 for junior, intermediate stenographic classes. It also supports the proposal to maintain existing salary differential between intermediate and senior clerical levels.

Clerical positions Statewide could be affected as well as carpenters and painters assigned to CDF districts and electricians at Sacramento Headquarters.

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#### FRANK WEATHERFORD COMPLETES 25 YEARS OF SERVICE

Frank Weatherford (left) State Forest Ranger in Mariposa Ranger Unit, was presented his 25 Year Certificate and lapel pin at a luncheon on June 4 by Assistant Deputy Howard Moore (right).

Frank began his career with the Division in 1938 as a Forest Fire Truck Driver in Eldorado County. In 1939 he was promoted to dispatcher in Placer County and transferred to Fresno County in 1940. In 1941 he returned to Placer County as foreman and was promoted to Assistant Ranger within that unit in 1942. Later that year he was assigned the task of placing auxiliary pool equipment in service in the Los Angeles area. After completion of this job in 1942 he was assigned to Orange County to fill an Assistant Ranger vacancy there. In 1949 he transferred to San Luis Obispo County, and

four months later was promoted to Associate Ranger in Monterey. He later transferred to Santa Clara County to take charge of the East Mt. Hamilton area. In 1947 he transferred to Mendocino County, where he remained until his promotion to State Forest Ranger in Mariposa County.

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#### TIMBER TRESPASS BRINGS TRIPLE STUMPAGE AWARD TO UNITED STATES GOVERNMENT

Carl Vollweiler of Eureka, California, has been ordered, by United States District Court in San Francisco, to pay the U. S. Government \$10,000 damages for illegal cutting of government timber in the Six Rivers National Forest, according to Regional Forester Chas. A. Connaughton.

The judgment awarded the government triple stumpage value for the timber cut in trespass,



plus \$1,000 for slash removal and damage to land. The Court found that Carl Vollweiler had failed to take adequate precautions to determine correct property line boundaries and to avail himself of proper land title records. Double or triple stumpage damages can be awarded in cases where timber trespass is intentional.

#### National Forest News

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#### ANGELES FOREST SUPERVISOR DIES

Sim Jarvi, Supervisor for the Angeles National Forest, was found dead today on a foot trail inside the vast preserve. Death was listed as due to an apparent heart attack.

Jarvi, 56, had worked last week heading the fire fighting operations in the 12,600 acre brush fire in the Newhall area. The United States Forest Service official was reported missing last night by his wife, Mary.

Jarvi had been gone two days but was due to return to his home late last night. When he failed to arrive Mrs. Jarvi notified the forest service and a search was organized.

Two forest service helicopters were sent out this morning and rangers aboard saw Jarvi's truck parked near the trail a mile east of Mt. Waterman. Jarvi's body was sprawled on the trail nearby.

Sacramento Bee-7-8-64

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#### TWO-MILLIONTH SEEDLING PLANTED ON THE 1960 VOLCANO BURN

May, 1964, was a red letter month for the Foresthill District of the Tahoe National Forest; District personnel planted the two-millionth seedling on the area ravaged by the 1960 Volcano fire.

The disastrous fire started on August 20, 1960, and burned forty-four thousand acres of valuable timberland, watershed, and recreation areas. Under the direction of Ranger Glen E. Sindel the salvaging and reforestation job began immediately following the fire. Approximately 150 million board feet of salvaged timber was taken from National Forest land alone, enough to build 15,000 average sized homes. Following the salvage operation the Forest Service contracted with private individuals to clear the prime timber producing sites of debris in preparation for planting. Forest Service crews burned this debris during the winter months. Following all of this preparation the areas were contour ditched to prevent soil erosion and planting started. The two-millionth tree planted last month represents more than 5000 acres planted on the burn to date. Twelve hundred of these acres were planted this year. Present plans call for completion of planting on the major portion of the best timberland by the end of 1965--some 6,500 acres.

The Log - 6-15-64

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#### GROWTH OF REDWOOD TREES INCREASED BY RIGHT COMBINATION OF FERTILIZERS

A Humboldt county farm adviser suggests that redwood trees--like any other crop--can be fertilized to gain increased yield. "While it normally takes at least 60 years to grow a satisfactory market redwood, I believe we can speed up the rotation at least 20 years," said Duahne W. Cooper of Eureka. Rates of application were 133 pounds actual nitrogen and 60 pounds sulfur per acre on trees over six years old. The treatment is lethal to younger trees.

The Log - 6-15-64



DR. L. T. BURCHAM ON ASSIGNMENT WITH  
U.S. DEPARTMENT OF DEFENSE

The Divisions' range and watershed specialist Dr. L. T. Burcham, Assistant Deputy State Forester, is on assignment with the U. S. Department of Defense in Washington, D.C. Burcham, on a two-year leave of absence from the Division of Forestry will work in the Pentagon and travel world-wide. The Burchams will reside in nearby Falls Church, Virginia.

Robert Blanford from District VI has been promoted to fill the vacancy created by Burcham's Defense assignment.

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THE GOOD OLD DAYS

Society of American Foresters  
California Section

Notice of Meeting dated January 10, 1936

The next meeting of our Section will be held Tuesday evening, January 21, at the Bellevue Hotel in San Francisco. Arrangements have been made for a group dinner at 85¢ in the main dining room preceding the meeting. The meeting will be held in the Red Room on the second floor. The dinner is scheduled for 6:00 P.M., the meeting at 7:15 P.M.

Due to the Forest Supervisors' meeting that will be in progress at the time, an unusually good field attendance is anticipated and arrangements are being made to provide a speaker. Note the date on your calendar right now, and if you can attend the dinner, tear off the slip below, and send either to A. A. Brown, California Forest Experiment Station, Berkeley, or to Miss Peterson, c/o Jay H. Price, U. S. Forest Service, Phelan Bldg., San Francisco. All reservation should be in before Saturday noon, January 18.

s/ A.A. Brown  
Secretary-Treasurer

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QUOTES FROM THE CHALLENGE OF  
COMMUNICATIONS IN FORESTRY

In Paradise Lost John Milton exclaimed that "Good, the more communicated, more abundant grows." And First Corinthians of the New Testament reminds that "Evil communications corrupt good manners." Herein lies the challenge of communication: to convey the truth more effectively and thus prevent its corruption.

Ever since man started to converse with man, by sign language or otherwise, the need and desire to impart knowledge to others have continuously intensified. Even today, with our sophisticated language and techniques, inadequate thought transmission remains to haunt us. The age-old problem of making oneself understood to another is further compounded now by the newer problem of first getting the other's attention away from the over-abundance of other communications.

Each person is bombarded daily by far more messages through the various media than he can possibly assimilate. When it comes to conveying something really important and urgent, such as your message and mine, we must first compete successfully for the attention of our target audience if we are to get through at all. In addition, often as not advice of a differing nature on the same subject will reach the attention of our audience before or after ours does. We must be concerned that our message is based on fact, clarifies rather than confuses the issue, and is competitive.

Thus it is that effective communications become more and more difficult even as dramatic advances are made in equipment and techniques. People can be reached



today, all right, through radio, television, telegraph, telephone and fast mail. But will they listen - and understand? Will they react the way we want them to? Or will our message be submerged in the welter of other communications, its real meaning confused or lost?

Never before has it been so important to be understood, Competition for attention and understanding is keen. It will be keener still as society continues to proliferate into new causes and sub-causes. It is almost a surety that one's message or program will be misunderstood if it is not understood -- unless, of course, it is not to be known about at all. If you or your cause are not represented, you will likely be misrepresented.

There are many pitfalls along the road to understanding. Thought transmission is ineffective if it is not accurate, timely, clear, pertinent and concise. We must constantly be on guard that we are not casualties of our own language. English, as noble and expressive as it is, is inexact and full of hidden, double meanings. It behooves us to anticipate where and how we may be misunderstood; to remove, to the extent possible, causes for misunderstanding . . . .

Even Congressmen, who need to know, have trouble keeping informed in the field of natural resources. Nearly two centuries ago, Edmund Burke set forth a communications goal for elected officials. He said:

"It ought to be the happiness and glory of a representative to live in the strictest union, the closest correspondence, and the most unreserved communication with his constituents. Their wishes ought to have great weight with him; their opinion high respect; their business unremitting attention. It is his duty to sacrifice his repose, his pleasures, his satisfaction, to theirs; and above all, ever, and in all

cases, to prefer their interest to his own....Your representative owes to you, not his industry only, but his judgment; and he betrays instead of serving you if he sacrifices it to your opinion."

A constituent today might well observe that the communications shoe is generally on the other foot now and he has to struggle to be heard by his representative.

But good communications are a two-way street and require give and take at both ends. Most faults are in the way of undercommunication. A good rule of thumb might be: when in doubt as to whether your audience is informed on a significant matter, communicate! Rule two might be: hold fire until you have something to say. And three: make sure that what you say is true, accurately-stated and concise....."

H. R. Glascock, Jr.  
Western Forestry &  
Conservation Assn.

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#### GALLAGHER TELLS ARMY HOW TO AVOID BATTLES

Fort Leavenworth  
Wes Gallagher, general manager of the Associated Press, talked like an old war correspondent (which he was) to army officers at this Kansas base May 19 in a peaceful cause.

Drawing from his personal experiences in World War II, when he covered SHAEF and other military operations, Mr. Gallagher deplored the pitfalls that develop in armed services' relationships with the press but presented a battle plan for improved relationships.

"If each of us recognizes the sincerity and integrity in the motivation of each other," he said, "relations will be much easier." Nevertheless, he added, there may always



be a conflict of interest between press and government which is good for the republic.

In the quarter century of his dealing with war reporting, peacetime reporting and cold war reporting, Mr. Gallagher said he was convinced that nine-tenths of all the battles with the Armed Forces were unnecessary and unprofitable shadow boxing by both sides.

"It is influencing the news, or, in Madison Avenue terms, 'image-making' that causes most of the difficulties," he declared. "It is seldom a real military secret. In wartime, the influencing of the news may be done through censorship. In peacetime it may be done by withholding information or putting out information that is one-sided and tells only one phase of a situation."

#### 'Never Lie to the Press'

Mr. Gallagher offered these eight points for the class at the U. S. Army Command and General Staff College to consider as a guide for good relationships with the press:

First and foremost, never lie to the press, regardless of the circumstances. Inevitably the lie will be revealed, and everything you say in the future will be treated with suspicion. Don't be afraid to say "I am sorry I cannot discuss the subject. It is not within my province." Or, "It is a security matter", or "I have orders not to do so." Newsmen may not like this particularly, but they will respect you for it.

2. Be as informative as you can within whatever limits you are operating. Don't try to over-emphasize a good situation or under-emphasize a bad one. If you feel that someone above or below you will have a contrary view, bring this out also.

3. Be your own press relations officer. More trouble arises out of

filtering news from a press relations officer than through any other cause. First, you know what you want to say, and only you can say it exactly as you want it expressed. The press relations officer, if he acts as a spokesman, will embellish it or he will hold something back out of fear that he is going too far. Or if he is an ex-newspaperman, he will probably decide that you weren't expressing yourself right in the first place and give his own view with some curious results.

4. If you are in a war theater and in a position of authority, make a thorough study of your press relations just as you would study the strategic problems that you will face.

5. Recognize the correspondents are people. At press conferences you can treat them all equally. If you hit upon some correspondents that you like and trust, you can tell them more in confidence.

6. Don't expect that the correspondent is going to reflect your views alone. You may give him one interpretation of some fact and some officers might give him a different one. He will try to balance them out as best he can.

#### No Reporters As PRO's

7. In most cases don't appoint a newspaperman as a public relations officer if you must have one. Appoint some personable officer who knows his way around in the Armed Forces, who gets along with people and who knows how to obtain adequate facilities for his charges - and in this case, correspondents. Newspapermen, for the most part, make notoriously bad PRO's. In the first place, all of them are convinced that they know more about writing and handling of news than their colleagues with whom they will be dealing.

8. Don't try to manage the activities of the correspondent or keep



him out of an area to which he might seek to go on a legitimate quest of news. If he wants to go off some place that is dangerous and get shot at, let him. Maybe you will be lucky and he will get shot.

Editor & Publisher  
May 23, 1964

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#### IS THE EUCALYPTUS REALLY THE TALLEST TREE IN THE WORLD?

An unconfirmed source lists one giant eucalyptus as 155 meters high, or about 508 feet. Elbert Schory, tropical research forester with the Florida Forest Service, holds that the eucalyptus is at least the tallest hardwood tree in the world, exceeded only by the giant redwoods of the Pacific Coast. He quotes from The Eucalypts by Penfold and Willis as follows: "The tallest eucalypt accurately measured and certified by a reliable authority was an E. regnans (Mountain Ash) from the state of Victoria, which measured 114 meters (341 feet) in height (Hardy, 1918) whilst the measurements of 104, 99, and 98 meters have been recorded. This last tree is the only one still living, and was discovered in 1956 in the Styx Valley in Tasmania." The 98 meters equals 321.44 feet. Although the eucalypts reach great heights, their girths are relatively slim. The largest recorded, also an E. Regnans, called the "King Edward VII" in Victoria, measured more than 78 feet in circumference at six feet above the ground level. This tree has been destroyed by fire.

Florida Forestry Reporter  
May, 1964

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#### SPRAY HELPS CROP GROW IN SAND

British scientists are spraying deserts with nine parts mineral oil and one part latex rubber and getting crops to grow on sand.

The spray lays a fine mesh network of rubber film over sand soil to halt erosion. Sprayed on sand dunes, the material has allowed grass seeds to germinate and grow, eventually holding the sand in place.

Tests have shown seeds of peas, lettuce and onions also can grow satisfactorily through the rubber film.

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#### FOREST TRACT LOANS

The Senate Banking Committee this week approved a House-passed bill (H.R. 8230) authorizing national banks to extend more liberal terms on forest tract loans. The bill permits loans of up to 60 per cent for as long as 15 years, compared with 40 per cent and 10 years at present.

The Lumber Letter  
June 12, 1964

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#### WWPA MEMBERS

Companies responsible for more than 70 per cent of production of the West Coast Lumbermen's Association had signed up for membership in the new Western Wood Products Association through June 5, according to WCLA announcement. This involved 41 companies -- large, medium and small -- with a combined output of nearly 2.9 billion feet. August 1 is the date by which the new WWPA is scheduled to take over functions of the West Coast Lumbermen's and Western Pine Associations.

The Lumber Letter  
June 12, 1964

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#### BANG!

Wood is now being used to form the nose cone of the new Polaris missile



which is fired from submarines and carries a nuclear explosive warhead. This new use of man's oldest and most reliable building material resulted from research conducted by the Forest Products Laboratory at Madison, Wisc., according to Forest Service officials. Materials previously used for the nose cone -- titanium and beryllium metals -- frequently developed cracks and were much more expensive than wood, officials explained.

The Lumber Letter  
June 12, 1964

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#### BUREAU OF LAND MANAGEMENT ADOPTS NEW NATIONAL INSIGNIA:

A new insignia, symbolic of public land resources, has been adopted by the Interior Department's Bureau of Land Management. BLM Director Charles H. Stoddard says that the modernistic emblem, which depicts lands, water and renewable resources managed by the bureau, has been sanctioned for official use by Secretary Stewart L. Udall.

"The seal is designed to represent our Bureau's concern with the conservation and management of all natural resources on the public lands," Stoddard said. "Basic resources--land, water and vegetation--are the key design elements."

The triangular insignia portrays a landscape with a symbolic tree, a winding river, and the river's source on a snow-capped peak. It replaces a circular seal, adopted in 1952, showing an engineer, lumberman, oil operator, stockman and miner. This was the Bureau's first emblem following its creation, in 1946, from a merger of the General Land Office and the Grazing Service. "The new emblem symbolizes our increased emphasis on balanced use of the public lands, rather than concentration on special uses," Stoddard explained.

What's Happening in Forestry  
June 1, 1964

#### BARROWS TO DIRECT FOREST SERVICE RESEARCH ON FIRE

Jack S. Barrows, chief, division of forest fire research, Northern Forest Fire Laboratory (Missoula, Mont.) has been appointed director of forest fire research, U. S. Forest Service, Washington, D. C. He succeeds Arthur A. Brown, who is retiring after more than 40 years of government service.

What's Happening in Forestry  
June 1, 1964

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#### INSULATING EFFECTIVENESS OF WOOD

One inch of wood provides the same resistance to heat flow as six inches of common brick or 15 inches of concrete or stone. Steel would have to be 32 feet thick and aluminum more than 140 feet thick to equal the insulating effectiveness of one inch of wood.

National Lumber Manufacturers  
Association - June 1, 1964

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#### DRESHFIELD HEADS UC ADVISORY COUNCIL

Dr. Arthur C. Dreshfield, Director of research and development for the Fibreboard Paper Products Corporation was elected president of the Technical Advisory Council of the University of California Forest Products Laboratory. He will succeed John T. Rushton, general manager of the Winton Lumber Company at Martell. Henry Trobitz of Arcata, manager of the California Timberlands division of the Simpson Timber Company will succeed Dr. Dreshfield as vice-president.

The Council advises University researchers on the needs and interests of the wood industry.

Agricultural Extension  
Service



#### WORLD FAMOUS GENETICIST RETIRES

Francis I. Righter, 4756 Antonio Court, Sacramento, California, a pioneer in forest tree breeding, retires June 20 after more than 30 years in forest genetics research.

Righter is internationally famous for his work at Placerville, California, in the genetic improvement of forest trees--particularly in the production of pine hybrids. He started working for the Eddy Tree Breeding Station in 1931 and helped establish the Institute of Forest Genetics in 1932.

It was at the Placerville Institute that Righter worked out successful techniques for controlling pollination of pines. These techniques have been adopted and developed by forest geneticists around the world.

Pacific Southwest Forest and  
Range Experiment Station

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#### LETTER TO STATE FORESTER F. H. RAY- MOND FROM SACRAMENTO STATE COLLEGE

"On behalf of Sacramento State College, I want to thank you for the beautiful redwood sign you had made for the C. M. Goethe Arboretum on our campus.

"We want to especially thank Mr. Bob Carey and all the others who worked on getting the sign ready for us.

"We have needed an appropriate sign for the Arboretum for some time. We thank you again for providing one for us.

"Sincerely,

/s/ Guy A. West  
President"

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#### ORANGE COUNTY BOARD OF SUPERVISORS COMMENDS DIVISION OF FORESTRY CREW

Early on the morning of March 19, 1964, a Bellanca airplane "crashed and exploded in flames at the Orange County Airport."

A Division of Forestry crew (from Orange County) under the leadership of Robert L. Jackson handled the situation in such an exemplary manner as to induce J. W. Martin, Jr., Vice President of Martin Aviation, Inc., to write to the Board of Supervisors calling the incident to their attention.

Upon motion of David L. Baker, Orange County Supervisor, the Orange County Board of Supervisors unanimously passed a resolution commending Robert Jackson and his crew.

Both the letter from Martin Aircraft and a copy of the resolution passed by the Orange County Board of Supervisors has been making the rounds of Sacramento offices.

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#### OFFICIAL REPORT ON A NON-FOREST FIRE

"At approximately midnight on June 22, 1964, the 2-truck equipment shed at the Cathay Fire Control Station on Highway 140 in Mariposa County was discovered burning by a passerby. This party drove into the station sounding his horn which awakened Foreman Paul Taylor, who was in charge, along with 2 firefighters on duty. The building was completely involved in fire with flames coming out of the roof. A fire truck belonging to the Cathay Volunteer Fire Department which was parked outside of the building was used to protect the residence occupied by Assistant Ranger Herbert Mund and from spreading into the surrounding grass. Lost in the building was one fire truck and one pickup and other equipment normally stored in equipment buildings



together with a number of shop tools. The total loss, estimated by Ranger Frank Weatherford, was approximately \$40,000.

"Fire Truck 4X27, 1957 4-WD, heavy, was parked in the garage at 10:30 on the 22nd after taking a load of water to the Guadalupe Lookout. The truck, when parked, appeared to be in good working condition and no abnormalities were noted. This truck had had a complete check of its wiring system approximately one month ago. The pickup, belonging to Assistant Ranger Mund, 2X75, had been driven out of the building and checked on the morning of the 22nd and had been parked the rest of the day. Mund was on vacation.

"The only electricity being used within the building at the time of the fire was two outside flood lights. No inflammable liquids were known to be stored within the building".

The above report was given to Assistant Deputy Tomblin by Fire Control Ranger Hank Arnold by telephone. District and County are continuing their investigation and a complete written report will be forthcoming.

Arnold expressed their urgent need for a replacement for the truck and pickup and was advised that this matter would be discussed with Deputy Hastings and Assistant Deputy Chatten to see if it would be possible to furnish surveyed units, complete with radios, during the interim period.

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#### INYO-MONO CONSERVATION CAMP CREWS WITNESS TRAGEDY

While assisting the Inyo County Sheriff's Office in a lost person search near North Lake, Inyo-Mono Conservation Camp crews were witnesses to a Civil Air Patrol plane crash. Crews observing the crash

were the first on the scene and assisted the Sheriff in removing the victims.

Following is a letter written by Sheriff Merrill H. Curtis to Inyo-Mono Conservation Camp Superintendent John Clark:

"I would like to express my appreciation to you and the members of your group for the assistance and cooperation which was shown in the search for Stanley Guenther.

"Although a great tragedy occurred it was very pleasing to me to see everyone do their job so efficiently.

"I would be most appreciative if you would convey my sincere thanks to these men for their efforts in my behalf."

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#### COMMENTS FROM INDIA

Mr. Kolappa Ramakrishna Pillai, Assistant Director Agricultural Planning for Kerala State, India, was the guest of the Nevada-Yuba Unit in June.

Mr. Pillai was a lunch guest at the Dobbins Forest Fire Station, was taken on a tour of the station facilities, and visited Oregon Peak Forest Fire Lookout. V. Mires explained operations.

A brief inspection was made of an active logging operation where Mr. Pillai commented that truck loading in India was done by elephants. Elephants have a useful life of nearly 50 years. At night the animals graze on the leaves and limbs of the felled trees, thereby nicely taking care of the slash problem. The elephant does not, of course, need gas, oil, or lubrication service.



The trip continued on through Challenge and on to the Brownsville Station where a brief stop and inspection tour was made.

Mr. Pillai, through his mastery of the English language, showed a deep and pertinent interest in forestry practices. He commented on the education of people in good forestry practices. He observed that the Indian nation has thousands of years of practice, customs and prejudices to overcome in trying to establish sound forest conservation methods. Here in the United States we only have several centuries of incompatible resource activities to overcome.

R. W. Weaver  
Nevada-Yuba Ranger Unit

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#### SAGE HENS AND SEA GULLS - OR "DESERT GULLS" ???

Inyo-Mono Conservation Camp has come up with another unique project. This time they were searching for sage grouse (hens) nests. Five inmates and one Foreman assisted the Department of Fish and Game in a two-day inventory of areas northeast of Crowley Lake. The purpose of the search was to determine the degree of depredation to the nests by sea gulls. Results were inconclusive since only two nests were located during the incubation period. They did, however, flush about forty grouse, one brood of freshly hatched chicks, dozens of rabbits, lizards, and gulls.

The crew walked about six hours a day across the desert during the search and if they accomplished nothing else, they report it is one sure way to get into condition for fire season.

Walter Bolster  
Assistant Fire Prevention  
Officer, District IV

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#### EIGHTY PROUD FATHERS AT MIRAMONTE CONSERVATION CAMP

Miramonte's mascot, "Bull Dog", is now playing second fiddle to an unseen outsider, but he doesn't seem to mind. His competition is a little girl named Maria, who lives in Box-cotrecase, Italy. She captured the hearts of the men of Miramonte Conservation Camp who recently and spontaneously contributed \$180 to her support through Foster Parent's Plan, Inc.

Little Maria is six years old, 3 feet 9½ inches tall and weighs 42 pounds. She lives in a single, windowless room as do millions of children throughout the world in similar situations not of their making.

Around Miramonte one can sense the spirit of the men and the feeling that "Bull Dog," approves.

Willard R. Haley  
Forestry Superintendent  
Miramonte Conservation Camp

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#### PENNINGTON ELECTED PRESIDENT OF CALIFORNIA RURAL FIREMEN'S ASSOC.

William Pennington, State Forest Ranger in charge of the Fresno Ranger Unit, was elected President of the California Rural Firemen's Association at the recent convention held in Modesto.

During his 21-year's membership with the Association, Bill has held various offices. His first, as exhibit chairman, was conferred in 1947. He held that office continuously through the recent convention. From 1959 to 1962, Bill was a member of the Board of Directors. In 1962 he was elected second vice-president, and became first vice-president in 1963.

Robert Keepers, Assistant  
State Forest Ranger

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HEART ATTACK CLAIMS MCKINNEY OF  
TULARE RANGER UNIT

It is with deep regret that the Tulare Ranger Unit notes the untimely death of Edward W. (Mac) McKinney, Forestry Foreman I, in Visalia on June 13, of a heart attack.

"Mac" was first employed as a Forest Fire Truck Driver on July 16, 1948. After serving tours of duty at various stations throughout Tulare County, he was promoted to Forest Firefighter Foreman in June of 1954 and was assigned to Porterville. In August of 1957, "Mac" transferred to the position of Foreman Dispatcher in Visalia and remained in that capacity until his death.

Edward McKinney will long be remembered by all those who had the pleasure of working with him, and the organization has suffered a great loss.

Harry R. Harp  
Assistant Ranger

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REPORT BY THE CHILDREN OF THE  
VALLEY CENTER KINDERGARTEN IN THE  
SAN DIEGO RANGER UNIT

"Our Visit to the Forestry Station

"We saw a fire engine with a siren on it. That means 'Get out of my way - I'm an EMERGENCY!' The fire engine had cupboards for food, water canteens and hoses. We saw hose that would reach out in the brush and one hose that would just do a house. We saw seats where firemen can sit and we saw cans for carrying water on backs to squirt on fires. The firemen keep their fire clothes and helmets hanging up all ready to go.

"We saw another new fire engine. It had a battery and a radio. It

had a big pump that could pump water out of a lake. It carries lots of gallons of water. It had a big new tire on the back.

"We saw a different kind of a thermometer and sticks to weigh how much water there is in the air. It was 5% - that means there isn't very much water and fires can start if we aren't careful. We saw a little thing going round and round on a tall pole. It showed how fast the wind was blowing.

"We saw shovels and rakes in a building. A man sharpened a shovel so it could chop brush. The handles were smooth so the men won't get splinters or blisters-----The men have beds to sleep on and names on their beds. We saw a map that shows where fires are and we heard a radio from another station.-----The cook fixed us punch and cookies. It was good. We said "Thank you." We ate on the grass under the oak tree. The grass was pretty. The firemen gave us badges and calendars and rulers. We got pictures of Smokey and Sparky and the fire station telephone number. Thank you for everything."

P.S. Could the teacher have helped?

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HERBERT A. HOLCOMB RETIRES

A retirement dinner meeting was held April 9th at Marty's Valley Inn, Oceanside, in honor of Herbert A. Holcomb, State of California Radio Telephone Technician in charge of the San Diego Shop of the General Services Department Communications Service. Bert received his 25-year pin in August of 1963 and retired on April 13, 1964.

Thirty-one attended the dinner, with representatives from the California Highway Patrol, California Division of Forestry, Anzo-Borrego State Park, Cleveland National Forest



Service and the various communications shops in Los Angeles, Orange, and San Diego County making eulogy for Bert's services. Appropriate cards and remembrances were given.

A genuine, authentic "old timer" in the radio field, he enlisted in the Navy in 1917 and was an operator on the U.S.S. George Washington which brought President Wilson and entourage home from the Paris Peace Conference, and he stayed on in the Navy after the war. Bert operated on commercial shipping vessels for a number of years, and he worked for the City of San Diego Police Department as a technician (called radio operators in those days) from 1932 to 1938 when he went to work for the California Highway Patrol as a senior radio telephone technician in Sacramento.

His heart has always remained in San Diego, and he was quite happy to be transferred to Los Angeles, a town about 125 miles north of San Diego, just before World War II. He was in Los Angeles only a short time when he returned to the Navy as chief radio-man. Bert served out most of the war in the Pacific. After the war was over he returned to civilian life and the Highway Patrol in Los Angeles. However, San Diego beckoned, and he was soon able to effect a transfer to the California Division of Forestry as a technician. In 1951 the technicians came under the Department of Finance which has recently been changed to the General Services Department.

About Bert's work with the Division of Forestry; there are very few men that have watched and helped our communications network grow and possess the varied experience in our operation that Bert has. It's true that if you asked Bert a question about radio you would get the full treatment. It is also true that if a repair could be made to a radio, Bert could do the job. Radio Technician Wayne Pfohl will be filling in behind Bert and certainly has his work cut out for himself.

James G. Fenlon  
State Forest Ranger

## R. F. F. FELLOWSHIPS

Resources For The Future awarded seventeen fellowships for doctoral dissertations. The purpose of the fellowships is to assist qualified students in completing the requirements for a doctor's degree and to stimulate their interest in the application of social science disciplines to problems in the fields of natural resources and urban affairs.

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## PERSONNEL CHANGES - ADMINISTRATION

6-18-64 Joyce Johnson reinstated as Intermediate Typist Clerk in Fire Prevention Section.

6-19-64 Jacqueline Wong resigned as Intermediate Typist Clerk in Management Services.

6-30-64 Thelma Clark resigned as Intermediate Stenographer in Forest Management.

7-1-64 Gerald E. Ranger appointed as Forestry Graduate Trainee in Engineering.

7-1-64 Vivian K. Lizalde changed from limited term to permanent Intermediate Typist Clerk in Fire Prevention.

7-5-64 Walter Castles, Engineering Aid II, transferred to Department of Water Resources.

7-15-64 Levi T. Burcham, Assistant Deputy State Forester in Forest Management, granted a two-year leave of absence.

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## DISTRICT I

6-1-64 Gary R. Minert was promoted from Forest Fire Truck Driver, District IV, Tulare County, to Forestry Foreman I, Mendocino County.



6-1-64 Judith C. Hodgin was reinstated as an Intermediate Stenographer, Sonoma County.

6-9-64 Jackson F. Miller was reinstated as Forestry Foreman II, Alder Conservation Camp.

6-1-64 Henry A. Durbin was promoted from Forest Fire Truck Driver, Napa County to Forestry Foreman I, Lake County.

6-14-64 Marjorie A. Drake, Intermediate Typist Clerk, Humboldt County, was granted a leave of absence.

6-15-64 Gary A. Craig was promoted from Forestry Foreman I to Assistant State Forest Ranger, Humboldt County.

7-1-64 Thomas O. Horgan was promoted from Forestry Foreman I, Lake County to Forestry Foreman II, Konocti Conservation Camp.

7-1-64 Louis A. Schultz has been promoted from Civil Engineering Technician II to Assistant Civil Engineer, Sonoma County.

6-1-64 David R. DeForge was promoted from Forestry Graduate Trainee to Forester I, Mendocino County.

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## DISTRICT II

6-1-64 George A. Williams changed class to Forestry Foreman I from Forestry Equipment Operator, Butte County.

6-5-64 Harvey A. Klingler, Janitor in Shasta County resigned.

6-8-64 Dwayne E. Teach, appointed Janitor, Shasta County.

6-12-64 Frederick I. Nelson went on military leave of absence.

6-15-64 Virginia Rice, Intermediate Typist Clerk, Butte County, returned from a one-month leave of absence.

6-15-64 Frank D. Figoni, appointed as Forestry Aid in Butte County.

6-15-64 John F. Gorman, appointed as Forestry Aid in Lassen County.

6-15-64 William G. Horn, Jr. appointed as Forestry Aid in Butte County.

6-15-64 Walter L. Henson, promoted to Forestry Foreman II, Lassen County, from Forestry Foreman I, Butte County.

6-19-64 Dwayne E. Teach, Janitor, in Shasta County, terminated.

6-22-64 Richard F. Kammerer, appointed as Forest Fire Truck Driver, Shasta County from Forest Firefighter, Butte County.

6-29-64 Wanda M. Hargadine appointed Intermediate Clerk in Shasta County.

6-30-64 Robert A. Kern, Forest Fire Truck Driver in Butte County resigned.

6-30-64 Bernadette Nelson, Senior Stenographer in Shasta County, resigned.

7-1-64 Wanda M. Hargadine changed class to Intermediate Typist Clerk from Intermediate Clerk.

7-1-64 Beatrice M. Tomicich changed class to Intermediate Typist Clerk from Intermediate Clerk.

7-1-64 Claude W. Gill promoted to Forestry Foreman I from Forest Fire Truck Driver, Shasta County.

7-6-64 Tod R. Shelton appointed as Janitor in Shasta County.

7-10-64 Fredrick H. Eggers appointed as Forestry Equipment Operator in Butte County.

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### DISTRICT III

6-15-64 Velie, Gary W., appointed Forestry Graduate Trainee in Sacramento County.

5-8-64 Raybould, Keith, Forestry Foreman II, Beaver Creek C.C. granted a 6-months leave of absence.

7-1-64 Eugene Peterson appointed as Forestry Superintendent C.C. at Baseline from Associate State Forest Ranger at Riverside Headquarters.

6-16-64 Irwin, Luther J., Forest Fire Truck Driver, El Dorado County, resigned.

6-15-64 Paul L. Carpenter appointed as Forestry Equipment Operator in Placer County.

7-2-64 James L. Carlisle, Forestry Equipment Operator in Tuolumne County died.

6-15-64 Jere M. Owen reinstated as Forest Fire Truck Driver in Sacramento County.

6-15-64 George L. Sproul reinstated as Forest Fire Truck Driver in El Dorado County.

6-15-64 Paul L. Warner reinstated as Forest Fire Truck Driver in Amador Co.

6-13-64 Steve H. Watry reinstated as Forest Fire Truck Driver in Calaveras County.

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6-1-64 Velda Rose appointed as Intermediate Stenographer in Tulare County.

6-1-64 Gerald E. Littrell resigned as Forestry Foreman I in Fresno County.

6-1-64 Thomas A. Buckner re-employed as Forestry Foreman I in Tulare County.

6-5-64 John Brescia promoted from Forest Firefighter in Mariposa County to Forest Fire Truck Driver in Tulare County.

6-7-64 Robert C. Kylis promoted to Forest Fire Truck Driver in Madera County from Forest Fire Lookout in Mariposa County.

6-10-64 Dennis L. Green promoted from Forestry Fireman to Forest Fire Truck Driver in Fresno County.

6-5-64 Gary L. Lasseter promoted from Forest Firefighter to Forest Fire Truck Driver in Tulare County.

6-13-64 Edward W. McKinney, Forestry Foreman I in Tulare County, deceased.

6-16-64 Philip D. Gilbert promoted to Forestry Foreman I in Tulare County from Forest Fire Truck Driver.

6-1-64 Marilyn Rummel appointed civil service Intermediate Stenographer in Mariposa from temporary.

6-12-64 David Jaynes, Forest Fire Truck Driver in Tulare County, went on an indefinite military leave of absence.

6-29-64 J. Donald Pearson promoted from Forest Firefighter to Forest Fire Truck Driver in Tulare County.

7-6-64 Gerald H. Scharton promoted from Forestry Fireman to Forest Fire Truck Driver in Fresno County.

7-6-64 Larry R. Beck promoted from Forest Fire Truck Driver in Fresno County to Forestry Foreman I in Merced County.

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### DISTRICT V

6-15-64 Sarah M. Burkman, Senior Stenographer, Monterey County, reinstated.

6-1-64 Roy A. Perkins, Assistant State Forest Ranger, Santa Clara County, promoted to Associate State Forest Ranger, San Benito County.



6-17-64 George A. Toussaint, Forest Fire Truck Driver, promoted to Forestry Foreman I, Monterey County.

7-1-64 Charles L. Hebrard, Forest Fire Truck Driver, San Luis Obispo, promoted to Forestry Foreman I.

7-1-64 Dennis J. Laurence, Forest Fire Truck Driver, Monterey County, promoted to Forestry Foreman I.

6-30-64 Larry R. Schupbach, Forest Fire Truck Driver, San Mateo County, resigned.

7-1-64 Edward T. Tani, Forest Firefighter, San Mateo County, promoted to Forest Fire Truck Driver, San Mateo County.

6-30-64 Leslee W. Davis, Intermediate Typist, Clerk, Monterey County, resigned.

7-1-64 Basil D. Crabtree, Forestry Equipment Operator, San Mateo County, resigned.

7-1-64 Robert E. Paulus, Forestry Foreman I, Monterey County, promoted to Assistant State Forest Ranger, Santa Clara County.

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#### DISTRICT VI

6-12-64 Carlene J. Obermeyer, Intermediate Stenographer, resigned at Riverside County.

7-1-64 Charles E. Toy promoted from Assistant State Forest Ranger to Associate State Forest Ranger at Riverside County.

5-31-64 Rollin E. Swacker, Assistant State Forest Ranger, dismissed at Orange County.

6-1-64 Wilbur I. Reed promoted from Forestry Equipment Operator to Forestry Foreman II at San Diego County Puerta La Cruz Conservation Camp.

6-1-64 Richard L. Bunch promoted from Forest Firefighter to Forestry Fireman at Orange County.

6-24-64 John R. Bishop, Forest Fire Truck Driver, resigned, San Bernardino County.

6-12-64 Francis P. Bawden promoted from Forest Fire Truck Driver, Riverside County, to Forestry Foreman I, San Diego County.

6-19-64 Donald S. Hedges promoted from Forest Fire Truck Driver to Forestry Foreman I at Riverside County.

6-11-64 William D. Shirey promoted from Forest Fire Truck Driver to Forestry Foreman I at San Diego County.

6-15-64 Jeffrey B. Cockrell, Forest Fire Truck Driver, reinstated at San Diego County.

6-1-64 David H. Cowardin promoted from Forest Firefighter, San Diego County, to Forest Fire Truck Driver at Orange County.

4-21-64 Ronald C. Faulkner, Forest Fire Truck Driver at Riverside County on Military Leave.

5-1-64 Wayne M. Green II promoted from Forest Firefighter to Forest Fire Truck Driver at San Diego County.

6-30-64 John F. Linton, Forest Fire Truck Driver, resigned at Riverside County.

4-14-64 Gregory P. Matteson, Forest Fire Truck Driver at Orange County on Military Leave.

5-12-64 Gerald W. Ribeau, Forest Fire Truck Driver at Orange County, on Military Leave.

5-13-64 Paul H. Schaden, Forest Fire Truck Driver at Orange County on Military Leave.



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